Novocure, medical device company developing breakthrough theology for cancer treatment, seeking for Bioinformatics Scientist with wide vision, for building the bioinformatics unit in the company.

Duties:

- Characterize of the infrastructures required for the unit
- Developing algorithms and analyses for cutting-edge next-generation sequencing (NGS), analyzing exciting large-scale genomic data; develop high-performance computing platform and analysis workflow. The work will be done with our highly professional teams in both science and engineering to deliver the best genomic applications to the field.
- Work directly with preclinical department to solve their bioinformatics challenges, with an emphasis on gene panel sequencing, which may include troubleshooting, problem-solving, developing analyses pipeline to resolve issues and present data in the best light.
- Create training materials, protocols, and applications notes on data analysis
- Analyze sequencing data, design analysis strategies, tools and algorithms, and develop operating pipelines
- Keep current with relevant scientific or medical journals.

Requirements:

- Masters or Ph. D. in Bioinformatics, applied mathematics, molecular biology, biochemistry, and computer science oriented to biology or equivalent.
- Deep understanding in the molecular biology technicians -advantage.
- Previous experience in data analysis of next-generation sequencing (NGS) data is required.
- Minimum 1 - 2 years of experience in bioinformatics and data analysis.
- Practical experience with open source bioinformatics tools and wide knowledge of genomics applications.
- Programming skills with Python or Perl, R
- Working in Linux environment
- Fast learner and willing to learn new skills and technologies
- Aptitude to present Bioinformatics issues and solutions to audiences with varying levels of experience is critical.
- Looking for self-starter who is comfortable working in a fast moving interdisciplinary team.
- Ability to lead processes
- Team player with good communication skills